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SUBMISSION PARAMETERS				
Title	Sequence	Database	uniprot	
Sequence length	1146	Sequence type	p	
Program	WU-blastp	Version	2.0MP-WashU [01-Jan-2006]	
Matrix	BLOSUM62	Number of scores	100	
Number of alignments	50	Expected threshold	10	
Show Annotation	Blast Result	MView	DbClustal	XML
Show Alignments		Clear all	Check all	Invert selection
		Reset	SUBMIT ANOTHER JOB	

Alignment	DB:ID	Source	Length	Score	Identity%	Positives%	E0
1 <input checked="" type="checkbox"/>	UNIPROT:NHX7_ARATH	Sodium/hydrogen exchanger 7 (Na ⁺ /H ⁺) exchanger 7 (NHE-7) (Protein SALT OVERLY SENSITIVE 1).	1146	5800	100	100	0.
2 <input checked="" type="checkbox"/>	UNIPROT:Q19N58_POPEU	Na ⁺ /H ⁺ antiporter.	1145	3679	65	77	0.
3 <input checked="" type="checkbox"/>	UNIPROT:Q4W3B5_SOLLC	Putative plasmalemma Na ⁺ /H ⁺ antiporter.	1151	3530	64	76	0.
4 <input checked="" type="checkbox"/>	UNIPROT:Q8GUE7_9LILI	Putative Na/H antiporter.	1145	3419	60	74	0.
5 <input checked="" type="checkbox"/>	UNIPROT:Q1ESY8_9CARY	Putative Na ⁺ /H ⁺ antiporter.	1169	3406	64	77	0.
6 <input checked="" type="checkbox"/>	UNIPROT:Q7XBF9_ORYSA	Putative Na ⁺ /H ⁺ antiporter.	1142	3289	60	73	0.
7 <input checked="" type="checkbox"/>	UNIPROT:Q0ILJ6_ORYSA	Os12g0641100 protein.	1142	3289	60	73	0.
8 <input checked="" type="checkbox"/>	UNIPROT:Q5ICN3_ORYSA	Na ⁺ /H ⁺ antiporter (Plasma membrane Na ⁺ /H ⁺ antiporter, putative, expressed).	1148	3286	60	74	0.
9 <input checked="" type="checkbox"/>	UNIPROT:Q4L224_WHEAT	Putative plasma membrane Na ⁺ /H ⁺ antiporter.	1142	3263	59	74	0.
	UNIPROT:NHX8_ARATH	Sodium/hydrogen exchanger 8 (Na ⁺ /H ⁺) exchanger 8 (NHE-8)	756	2888	74	86	6.6e-300

10	<input checked="" type="checkbox"/>	(Protein SALT OVERLY SENSITIVE 1B).							
11	<input checked="" type="checkbox"/>	UNIPROT:Q7XB48 PHYPA	Putative Na/H antiporter.	1153	2691	54	70	4.9e-279	
12	<input checked="" type="checkbox"/>	UNIPROT:Q7MLJ8 VIBVY	NhaP-type Na ⁺ /H ⁺ and K ⁺ /H ⁺ antiporter.	831	1027	33	53	1.1e-102	
13	<input checked="" type="checkbox"/>	UNIPROT:Q8D8X5 VIBVU	NhaP-type Na ⁺ /H ⁺ and K ⁺ /H ⁺ antiporters.	831	1027	33	53	1.1e-102	
14	<input checked="" type="checkbox"/>	UNIPROT:Q1FSE1_9GAMM	Cyclic nucleotide-binding: Sodium/hydrogen exchanger.	812	836	41	59	1.8e-82	
15	<input checked="" type="checkbox"/>	UNIPROT:Q23FX2_TETTH	Sodium/hydrogen exchanger family protein.	1071	476	39	56	4.7e-82	
16	<input checked="" type="checkbox"/>	UNIPROT:Q22D73_TETTH	Sodium/hydrogen exchanger family protein.	1148	588	29	56	5.6e-70	
17	<input checked="" type="checkbox"/>	UNIPROT:Q4QB80_LEIMA	Na/H antiporter-like protein.	1500	682	36	54	4.2e-61	
18	<input checked="" type="checkbox"/>	UNIPROT:Q5XVNI_TOXGO	Putative sodium hydrogen exchanger.	823	604	34	55	7.7e-59	
19	<input checked="" type="checkbox"/>	UNIPROT:Q4D226_TRYCR	Na/H antiporter-like protein, putative.	1208	637	25	46	6.6e-58	
20	<input checked="" type="checkbox"/>	UNIPROT:Q23XC6_TETTH	Sodium/hydrogen exchanger family protein.	1124	533	34	57	3.0e-56	
21	<input checked="" type="checkbox"/>	UNIPROT:Q0EW88_9PROT	Putative sodium/hydrogen exchanger family protein.	840	593	28	47	3.8e-54	
22	<input checked="" type="checkbox"/>	UNIPROT:Q5CLI6_CRYHO	Na ⁺ /H ⁺ antiporter.	926	596	32	56	2.9e-53	
23	<input checked="" type="checkbox"/>	UNIPROT:Q5CLI5_CRYHO	Na ⁺ /H ⁺ antiporter.	871	569	34	55	5.2e-53	
24	<input checked="" type="checkbox"/>	UNIPROT:Q7YY71_CRYPV	Na ⁺ /H ⁺ antiporter, possible (Possible Na ⁺ /H ⁺ and K ⁺ /H ⁺ antiporter with 12 transmembrane domains, duplicated adjacent gene).	927	596	32	56	6.1e-53	
25	<input checked="" type="checkbox"/>	UNIPROT:Q7YY72_CRYPV	Na ⁺ /H ⁺ antiporter, possible (Possible Na ⁺ /H ⁺ and K ⁺ /H ⁺ antiporter with 12 transmembrane domains, duplicated adjacent gene).	871	569	34	55	4.0e-51	
26	<input checked="" type="checkbox"/>	UNIPROT:Q4UEZ0_THEAN	Sodium/hydrogen exchanger, putative.	925	553	29	53	3.3e-49	
27	<input checked="" type="checkbox"/>	UNIPROT:Q6RYT4_TOXGO	Sodium/hydrogen exchanger 1.	2097	544	34	52	2.6e-47	
28	<input checked="" type="checkbox"/>	UNIPROT:Q93HU4_APHHA	Na ⁺ /H ⁺ antiporter.	521	498	28	52	1.7e-45	
29	<input checked="" type="checkbox"/>	UNIPROT:Q4C008_CROWT	Sodium/hydrogen exchanger.	521	494	27	51	4.6e-45	
30	<input checked="" type="checkbox"/>	UNIPROT:P73863_SYNY3	Eukaryotic Na ⁺ /H ⁺ exchanger (Na ⁺ /H ⁺ antiporter).	527	488	32	54	2.0e-44	
31	<input checked="" type="checkbox"/>	UNIPROT:Q2KTW7_BORA1	Putative sodium/hydrogen antiporter precursor.	863	496	30	53	8.8e-43	
32	<input checked="" type="checkbox"/>	UNIPROT:Q0BV06_9PROT	Na ⁺ /H ⁺ antiporter nhaP.	872	494	23	43	9.2e-43	
33	<input checked="" type="checkbox"/>	UNIPROT:Q47YN7_COLP3	Na ⁺ /H ⁺ antiporter NhaP.	399	471	32	52	1.3e-42	
34	<input checked="" type="checkbox"/>	UNIPROT:Q1D257_MYXXD	Na ⁺ /H ⁺ antiporter.	536	465	32	54	5.9e-42	
35	<input checked="" type="checkbox"/>	UNIPROT:Q09AB6_STIAU	Na ⁺ /H ⁺ antiporter.	535	458	31	53	3.3e-41	
36	<input checked="" type="checkbox"/>	UNIPROT:Q3J0T2_RHOS4	Putative Na ⁺ /H ⁺ antiporter with cyclic nucleotide-binding domain.	832	452	30	53	7.1e-41	

37	<input checked="" type="checkbox"/>	UNIPROT:Q7W305 BORPA	Putative sodium/hydrogen exchanger family.	847	476	30	52	7.8e-41
38	<input checked="" type="checkbox"/>	UNIPROT:Q7WE05 BORBR	Putative sodium/hydrogen exchanger family.	847	476	30	52	7.8e-41
39	<input checked="" type="checkbox"/>	UNIPROT:Q2FRC4 METHJ	Sodium/hydrogen exchanger.	705	471	26	47	8.8e-41
40	<input checked="" type="checkbox"/>	UNIPROT:Q5FUY2 GLUOX	Putative Na ⁺ /H ⁺ Antiporter.	858	474	23	44	1.4e-40
41	<input checked="" type="checkbox"/>	UNIPROT:Q7VT11 BORPE	Putative sodium/hydrogen exchanger family.	847	474	30	52	1.0e-39
42	<input checked="" type="checkbox"/>	UNIPROT:Q4Y1L7 PLACH	Sodium/hydrogen exchanger, putative (Fragment).	1409	484	28	52	1.4e-39
43	<input checked="" type="checkbox"/>	UNIPROT:Q6ANW7 DESPS	Related to Na ⁺ /H ⁺ antiporter.	430	442	30	52	1.7e-39
44	<input checked="" type="checkbox"/>	UNIPROT:Q29412 ARCFU	Na ⁺ /H ⁺ antiporter (Nhe2).	494	417	30	53	3.0e-39
45	<input checked="" type="checkbox"/>	UNIPROT:Q8YNE6 ANASP	Na ⁺ /H ⁺ -exchanging protein.	520	437	28	50	5.8e-39
46	<input checked="" type="checkbox"/>	UNIPROT:Q31NS5 SYNPT	Na ⁺ /H ⁺ antiporter precursor.	547	436	30	51	7.5e-39
47	<input checked="" type="checkbox"/>	UNIPROT:Q8IET0 PLAF7	Sodium/hydrogen exchanger, putative.	1920	473	30	53	8.9e-39
48	<input checked="" type="checkbox"/>	UNIPROT:Q7RKH0 PLAYO	Sodium/hydrogen exchanger family protein, putative.	1688	475	29	52	1.6e-38
49	<input checked="" type="checkbox"/>	UNIPROT:Q5N5E1 SYNPT	Na ⁺ /H ⁺ antiporter.	534	429	30	53	4.2e-38
50	<input checked="" type="checkbox"/>	UNIPROT:Q4Z7I5 PLABE	Sodium/hydrogen exchanger, putative (Fragment).	1504	477	30	53	9.5e-38

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